

<b>Title</b>	<b>Install carpet floor coverings by bonded method</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>40</b>

<b>Purpose</b>	<p>This unit standard is intended for those working in the flooring installation industry.</p> <p>People credited with this standard are able to install carpet floor coverings by bonded method to the level of performance required of a commercially competent tradesperson.</p>
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<b>Classification</b>	Construction Trades > Flooring
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<b>Available grade</b>	Achieved
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## Guidance Information

### 1 Assessment

This unit standard is intended to align with the *New Zealand Certificate in Flooring Installation – Specifications* and the *New Zealand Certificate in Flooring Installation (Level 4)* [Ref: 4296].

Evidence for this standard must reflect commercial competence.

Commercial competence refers to the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Commercial competence must be confirmed by a person with current expertise in the flooring installation trade.

### 2 Definitions

*Bonded carpet installation* is also known as a direct-stick system and double-bond system.

*Workplace procedures* refers to the documented procedures specific to a workplace which sets out the standard and the required practices of that workplace.

### 3 Legislation, standards and guidance information relevant to this standard includes the following, and any subsequent amendments and replacements:

*New Zealand Certificate in Flooring Installation – Specifications*, BCITO, September 2020, available from [www.waihanganz.govt.nz](http://www.waihanganz.govt.nz).

Legislation accessed at [www.legislation.govt.nz](http://www.legislation.govt.nz)

- Building Act 2004
- Hazardous Substances and New Organisms Act 1996
- Health and Safety at Work Act 2015
- The New Zealand Building Code.

Standards accessed at [www.standards.govt.nz](http://www.standards.govt.nz)

- NZS 3604:2011 *Timber Framed Buildings*
- AS/NZS 2455.1:1:2007 *Textile floor coverings – Installation practice*.

Best practice and good practice guidelines

- FloorNZ. (2019). *Carpet Floor Coverings Planning and Installation*. Available from: [www.floornz.org.nz](http://www.floornz.org.nz)
- *The Absolutely Essential Health and Safety Toolkit for Small Construction Sites*, and other Worksafe NZ publications available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz).

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## Skill specification and performance level guidance

### Skill specification

Install carpet floor coverings by bonded method.

### Knowledge

The installation requirements of carpet underlay on substrate surfaces prior to bonded installation.

Range substrate – concrete, timber, composite;  
horizontal surface, vertical surface, internal corner, external corner.

The requirements to cut, prepare, and seam carpets for bonded carpet installation.

Range seams include – rib cut and seam seal;  
seam sealing includes – direction of movement, heat setting, tight flush edges,  
merging textured patterns.

The requirements for a quality bonded installation of carpet to surfaces.

Range horizontal surface, vertical surface, internal corner, external corner;  
cut, fit, form, join, fix, and edge carpet.

The types and purpose of adhesives for bonded carpet installation.

Range chemicals used to – clean, edge trims, stair nosing, seam seal, join carpet,  
edge carpet.

The types and purpose of consumables prior to and during bonded carpet installation.

Range consumables include – edging trim; items to manage junctions, joins, changes  
in plane, and height variation.

The methods and requirements for pattern-matching for a bonded carpet installation.

Range material positioning, dimensions, check for square.

The methods and requirements to set out and install carpet tiles.

Range pattern match, form right angles off a set line.

The installation requirements for carpet on stairs using the bonded method.

How to repair damaged carpet without impact on the aesthetics and wear of installed carpet.

### **Skills**

Install carpet underlay on substrate surfaces prepared for bonded carpet installation.

Range substrate – concrete, timber, composite.

Cut, prepare, and seam carpet for bonded installation method.

Range seams include – rib cut, seam seal;  
seam sealing includes – direction of movement, heat settings, tight flush edges,  
merging textured patterns.

Install plain carpet on different surfaces by bonded method.

Range horizontal surface, vertical surface, internal corners, external corners;  
fit, form, join, fix, and edge carpet.

Set-out and install carpet tiles using the bonded method.

Range pattern match, form right angles off a set line.

Use recommended consumables and adhesives during the bonded carpet installation method.

Install carpet on stairs using the bonded method.

Repair damaged carpet without impact on the aesthetics and wear of installed carpet.

Range may include – sew, cutting-out, repositioning, installing fastening systems,  
applying adhesive, seal seam, bond seam.

### **Performance level guidance**

Performance must reflect industry best practice guidance, AS/NZS 2455 *Textile floor coverings – Installation practice*, and workplace procedures.

Installation includes loop, cut, and patterned carpet using the bonded method.

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<b>Planned review date</b>	31 December 2026
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	25 November 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council [qualifications@waihanga.nz](mailto:qualifications@waihanga.nz) if you wish to suggest changes to the content of this unit standard.